

ABSTRACT

5

Method and apparatus for positioning a workpiece in a spindle of a machine tool and/or removing a workpiece from the spindle. The machine spindle includes an axis of rotation and the workpiece includes a centerline extending between a first end surface and a second end surface. A mechanism is provided for grasping the workpiece, preferably on its centers, in a position proximate the spindle whereby the workpiece centerline is coincident with the axis of rotation of the spindle. The spindle is moved relative to the workpiece in the direction of the axis of rotation whereby the workpiece is inserted into the spindle or removed from the spindle.

10

15